

ATTORNEY DOCKET NO. 04156.0022U1
EXPRESS MAIL LABEL NO.EL 997678790 US
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of)	
)	
NÄGEL, Wulf)	Art Unit:
)	
International Application No. PCT/EP2004/010916)	Examiner:
)	
International Filing Date: 30 September 2004)	Confirmation No.
)	
For: PHOTOVOLTAIC ELEMENT		

INFORMATION DISCLOSURE STATEMENT

Mail Stop PCT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

NEEDLE & ROSENBERG, P.C.
Customer Number 23859

Sir:

Pursuant to the requirements of 37 C.F.R. § 1.56, submitted herewith on the accompanying Information Disclosure Statement List is a listing of documents known to Applicants and/or their attorneys. In accordance with 37 C.F.R. § 1.98(a)(2), copies of any cited U.S. patent or U.S. patent application publication documents are not enclosed. Copies of any cited foreign patent document and/or any non-patent publication are enclosed.

This Information Disclosure Statement is believed to be filed in a timely manner pursuant to 37 C.F.R. § 1.97(b)(3), in that a first Office Action on the merits of the present patent application has not yet been mailed to Applicants.

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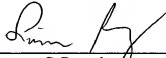
International Application No. PCT/EP2004/010916

Consideration of the cited documents and making the same of record in the prosecution of the above-referenced application are respectfully requested.

No fee is believed to be due; however, the Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 14-0629.

Respectfully submitted,

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INFORMATION DISCLOSURE STATEMENT LIST				Complete if Known			
(Use as many sheets as necessary)				International Application Number	104573064		
				International Filing Date	30 September 2004		
				First Named Inventor	NÄGEL, Wulf		
				Group Art Unit			
				Examiner Name			
U.S. PATENT DOCUMENTS							
Examiner's Initials	Cite No.	Document No.	Date	Name	Class	Subclass	Filing Date (if appropriate)
TT	A1	4,234,351	11/18/1980	Deminet, et al.	136	251	
FOREIGN PATENT DOCUMENTS							
Examiner's Initials	Cite No.	Foreign Patent Document Country Code-Number-Kind Code	Date	Name	Translation Yes/No		
/TT/	A2	EP 1 130 657	09/05/2001	Universidad Politecnica de Madrid	Yes		
	A3	DE 198 37 365	03/02/2000	Forschungszentrum Jülich GmbH	Yes, abstract; also it is the same as Cite A4.		
	A4	GB 2 341 002	03/01/2000	Forschungszentrum Jülich GmbH	Yes		
	A5	WO 88/03709	05/19/1988	Spectrolab, Inc.	Yes		
NON-PATENT DOCUMENTS							
Examiner's Initials	Cite No.	Non-Patent Citations (include Author, Title, Publisher, Relevant Pages, Date and Place of Publication)					
/TT/	A6	Yoshihiro Nakato, et al.: "Solar Cells Based on a New Junction Transparent Conductor/Thin Insulator Having Ultrafine Metal Islands/Semiconductor", Proceedings of the International Photovoltaic Science and Engineering Conference, Kyoto, Nov. 26-30, 1990, Kyoto, Kyoto University, Japan, (1990-11- 26) pages 939-942.					
/TT/	A7	Yoshihiro Nakato, et al.: "Improvement of Characteristics of New-type Solar Cells, Having a Transparent Conductor/Thin SiO ₂ Layer With Ultrafine Metal Particles as Conductive Channels/n-Si Junction," Solar Energy Materials and Solar Cells, Elsevier Science Publishers, Amsterdam, NL (1995-07-01), pages 323-335.					
/TT/	A8	Chattopadhyay P.: "A Novel Low Resistive Metal-Insulator-Semiconductor (MIS) INVERSION LAYER Solar Cell Structure," Solid State Electronics, Elsevier Science Publishers, Barking, GB (1988-11-01) pages 1641-1643.					
2 Examiner Signature: /Thanh Truc Trinh/				Date Considered: 12/17/2007			
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							